

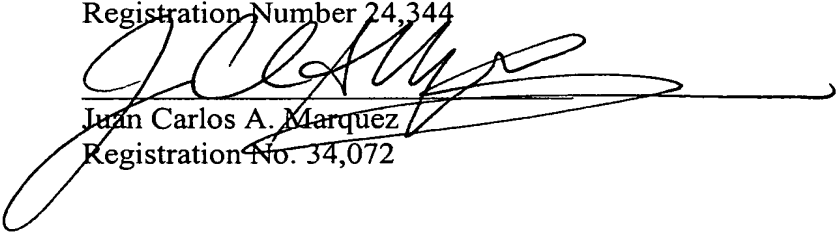
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| <input checked="" type="checkbox"/> Response to Office Action
(with Claim Amendments) | <input type="checkbox"/> Petition for Extension of Time |
| <input type="checkbox"/> Substitute Specification | <input type="checkbox"/> Terminal Disclaimer |
| <input type="checkbox"/> Preliminary Amendment | <input type="checkbox"/> Letter to Draftsperson |
| <input checked="" type="checkbox"/> Verified English Translation | <input type="checkbox"/> Assignment |
| | <input type="checkbox"/> Petition under _____ |

- [] Please charge my **Deposit Account Number** _____ in the amount of _____ to cover the fees for _____. A duplicate copy of this paper is enclosed.
- [x] A check in the amount of **\$84.00** to cover the excess independent claim fee is enclosed.
- [x] The Commissioner is hereby authorized to charge any additional fees associated with this communication, including patent application filing fees and processing fees under 37 C.F.R. § 1.16 and 1.17, or credit any overpayment to **Deposit Account Number 08-1480**.

Respectfully submitted,

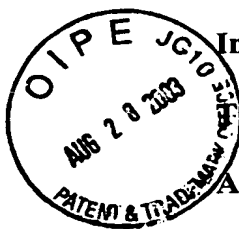
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August 28, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re U.S. Patent Application of

YANAHASHI et al. ✓

Application Number: 10/025,784 ✓

Filed: December 26, 2001 ✓

For: ✓
PERPENDICULAR MAGNETIC RECORDING
MEDIA AND MAGNETIC STORAGE
APPARATUS USING THE SAME

Attorney Docket No. HIRA.0020

Honorable Assistant Commissioner
for Patents
Washington, D.C. 20231

Art Unit 1773 ✓

Examiner
Rickman, Holly C. ✓

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RESPONSE AND AMENDMENT UNDER 37 C.F.R. §1.111

Sir:

This is in response to the office action dated May 28, 2003, in the above identified application, the period for response is set to expire on August 28, 2003. Please amend the above identified application with the replacement paragraphs/sections/claims as follows:

08/29/2003 SMINASS1 00000016 10025784

01 FC:1201 84.00 OP

Adjustment date: 09/03/2003 SMINASS1

08/29/2003 SMINASS1 00000016 10025784

01 FC:1201 -84.00 OP

09/03/2003 SMINASS1 00000005 10025784

01 FC:2201 84.00 OP